
Contents of Volume 7

Volume 7 Number 1

January 1992

CONTENTS

Weak Chemiluminescence of Bilirubin and its Stimulation by Aldehydes H. Watanabe, M. Usa, M. Kobayashi, S. Agatsuma and H. Inaba	1
Bilirubin Chemiluminescence Induced by the Attack of Active Oxygen Species H. Watanabe, T. Nagoshi, S. Agatsuma, M. Kobayashi and H. Inaba	13
Enhanced Chemiluminescence in the Oxidation of Luminol and an Isoluminol Cortisol Conjugate by Hydrogen Peroxide in Reversed Micelles D. I. Metelitz, A. N. Eryomin and V. A. Shibaev	21
Excited Carbonyl Formation in the Combination and Disproportionation of Free Radicals J. R. de la Fuente U. and E. A. Lissi G.	27
The Effect of Serine and Thiol Protease Inhibitors on the Chemiluminescence of Human Neutrophils in Investigations <i>In Vitro</i> J. Kantorski and H. Tchórzewski	37
BIOLUMINESCENCE AND CHEMILUMINESCENCE LITERATURE	
1991 Literature, Part I L. J. Kricka and P. E. Stanley	47
Book Review	75

A Survey of more than 90 Commercially Available Luminometers and Imaging Devices for Low-light Measurements of Chemiluminescence and Bioluminescence, Including Instruments for Manual, Automatic and Specialized Operation, for HPLC, LC, GLC and Microtitre Plates. Part 1: Descriptions P. E. Stanley	77
Differences in the Respiratory Burst of Human Polymorphonuclear Leukocytes Induced by Virulent and Avirulent <i>Legionella pneumophila</i> Serogroup 1 P. Rajagopalan-Levasseur, E. Dournon, J.-L. Vilde and J.-J. Pocidalo	109
Leukocytes as Immunosensors: an Immunoassay without Labelled Reagents E.-M. Lilius, A. Kankaanpää and R. Lahti	117
Effect of Antioxidants on Chemiluminescence Produced by Reactive Oxygen Species C. Pascual and C. Romay	123
BIOLUMINESCENCE AND CHEMILUMINESCENCE LITERATURE	
1991 Literature, Part II L. J. Kricka and P. E. Stanley	133
1982 Literature, Part I L. J. Kricka and P. E. Stanley	143

A Survey of more than 90 Commercially Available Luminometers and Imaging Devices for Low-light Measurements of Chemiluminescence and Bioluminescence, Including Instruments for Manual, Automatic and Specialized Operation, for HPLC, LC, GLC and Microtitre Plates. Part 2: Photographs P. E. Stanley	157
Reactions of Copper Complexes with Oxygen Radicals Generated by Human Neutrophils R. F. Haseloff, S. Gruner and G. G. Wischnewsky	171
Light-induced Biophotonic Emission from Plant Tissues R. P. Bajpai and P. K. Bajpai	177
Comparison of Properties of Commercially Available Crystalline Native and Recombinant Firefly Luciferases S. R. Ford, M. S. Hall and F. R. Leach	185
Cross-reactivity of a Commercial Chemiluminescence Immunoassay for Human Chorionic Gonadotrophin with the Free β-Subunit P. Lippa, G. Spöttl, B. Saller, D. Neumeier and K. Mann	195
Mechanism for Iron Control of the <i>Vibrio fischeri</i> Luminescence System: Involvement of Cyclic AMP and Cyclic AMP Receptor Protein and Modulation of DNA Level P. V. Dunlap	203
CURRENT AWARENESS Recent Symposia and Seminars	215
BIOLUMINESCENCE AND CHEMILUMINESCENCE LITERATURE Nucleic Acid Hybridization Assays O. Nozaki, L. J. Kricka and P. E. Stanley	223

Volume 7 Number 4

October 1992

Chemiluminescence of Human Bloodstream Monocytes and Neutrophils: an Unusual Oxidant(s) Generated by Monocytes during the Respiratory Burst B. Davies and S. W. Edwards	229
Mechanoluminescence: an Assay for Lymphocyte Analysis in Neoplasia V. E. Orel, S. B. Alekseyev and Y. A. Grinevich	239
Luminescence from the Yeast <i>Candida utilis</i> and Comparisons across Three Genera R. N. Tilbury and T. I. Quickenden.	245
CURRENT AWARENESS	
A Symposium on ATP Rapid Microbiology for the Food and Beverage Industries ...	255
BIOLUMINESCENCE AND CHEMILUMINESCENCE LITERATURE	
Immunoassays and Protein Blotting Assays O. Nozaki, L. J. Kricka and P. E. Stanley	263
Author Index.	299
Keyword Index.	300
Table of Contents, Volume 7	iii

